

### THE NUMBER SYSTEM (6.NS.1)

Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.

<p>1. A sandbox has an area of 32 square feet, and the length is <math>4\frac{1}{2}</math> feet. What is the width of the sand box?</p>	<p>2. Shayla has <math>6\frac{1}{2}</math> pounds of potato salad into containers each of which holds <math>1\frac{5}{8}</math> pounds. How many containers does she need?</p>
<p>3. The area of a rectangular city park is <math>\frac{15}{56}</math> square miles. The width of the park is <math>\frac{3}{7}</math> mile. What is the length, in miles, of the park?</p>	<p>4. One serving of Chad's favorite cereal contains <math>1\frac{1}{4}</math> ounces. How many servings are in a <math>15\frac{1}{3}</math>-ounce box?</p>
<p>5. Jasmine has <math>3\frac{3}{8}</math> pounds of turkey meat. She is making <math>\frac{1}{3}</math>-pound turkey burgers. Does Jasmine have enough meat to make 12 turkey burgers? Explain.</p>	